

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 382 | column near1 generation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 13:48 |
| S2 | 1 | (column near1 generation) and (combinatorial near2 auction) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 17:43 |
| S3 | 1 | (column near2 generation) and (combinatorial near2 auction) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 17:43 |
| S4 | 1 | (column near2 generation) and (combinatorial near3 auction) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 17:43 |
| S5 | 56 | (combinatorial near3 auction) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 18:27 |
| S6 | 1 | S1 and S5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 18:26 |
| S7 | 2 | S1 and auction | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 18:26 |
| S8 | 55 | (combinatorial near auction) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 18:27 |
| S9 | 32 | S1 and optimization | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 18:28 |
| S10 | 23 | S9 and integer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 18:28 |

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|-----|------|-----------------------------------|---|----|-----|------------------|
| S11 | 22 | S9 and integer and program\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 18:31 |
| S12 | 13 | S9 and (integer near4 program\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 18:31 |
| S13 | 47 | S1 and constraint | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 18:30 |
| S14 | 24 | S13 and integer and program\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/20 18:31 |
| S15 | 14 | S13 and (integer near4 program\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/25 14:16 |
| S16 | 2 | "6694343".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/25 14:16 |
| S17 | 102 | 706/62.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/04/25 17:35 |
| S18 | 1378 | 705/7.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/04/25 17:35 |
| S19 | 1331 | 705/8.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/04/25 17:35 |
| S20 | 1902 | 705/37.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/04/25 17:35 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 60 | (combinatorial near3 auction) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:01 |
| L2 | 0 | ("6718312").URPN. | USPAT | OR | ON | 2005/10/14 14:54 |
| L3 | 7 | ("5406476" "5826244" "5835896" "5886902" "5890138" "5905974" "5905975").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/14 14:54 |
| L4 | 4 | ("6272473").URPN. | USPAT | OR | ON | 2005/10/14 14:57 |
| L5 | 4106 | 705/26.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:01 |
| L6 | 2091 | 705/37.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:01 |
| L7 | 1363 | 705/27.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:01 |
| L8 | 245 | I5 and I6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:01 |
| L9 | 154 | I8 and auction | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:02 |
| L10 | 7 | I9 and combinatorial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:22 |
| L11 | 4 | ("6272473").URPN. | USPAT | OR | ON | 2005/10/14 15:07 |
| L12 | 8 | ("5367669" "5570332" "6029163" "6145052" "6154739" "6170042" "6272473" "6272565").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/14 15:08 |

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| L13 | <i>Full</i> 2 | "5615254".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:22 |
| L14 | 2 | "6272483".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:24 |
| L15 | 1530 | 705/8.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:25 |
| L16 | 1530 | 705/8.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:25 |
| L17 | 388 | 379/221.01.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:25 |
| L18 | <i>Full</i> 1 | I17 and (I5 or I6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:26 |
| L19 | 110 | 706/62.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:27 |

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| L13 | 2 | "5615254".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:22 |
| L14 | 2 | "6272483".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:24 |
| L15 | 1530 | 705/8.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:25 |
| L16 | 1530 | 705/8.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:25 |
| L17 | 388 | 379/221.01.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:25 |
| L18 | 1 | l17 and (l5 or l6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:26 |
| L19 | 110 | 706/62.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/14 15:27 |
| L20 | 1 | (column near1 generation) same auction | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/14 15:55 |
| L21 | 3427 | AUCTION | EPO; JPO; DERWENT | OR | OFF | 2005/10/14 15:57 |
| L22 | 0 | L21 AND ((GENERAT\$3 OR PRODUC\$3 OR OUTPUT\$4) NEAR3 (PROPOSAL OR BID)) SAME (EACH NEAR2 ITEM) | EPO; JPO; DERWENT | OR | OFF | 2005/10/14 15:59 |
| L23 | 90 | L21 AND ((GENERAT\$3 OR PRODUC\$3 OR OUTPUT\$4) NEAR3 (PROPOSAL OR BID)) | EPO; JPO; DERWENT | OR | OFF | 2005/10/14 15:59 |